

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Case No. 13438US01

PATENT

Applicants:

Wakayama et al.

Serial No.: 09/456,230

Filed: December 7, 1999

For: LOW JITTER HIGH PHASE  
RESOLUTION PLL-BASED  
TIMING RECOVERY SYSTEM

Group Art Unit: 2816

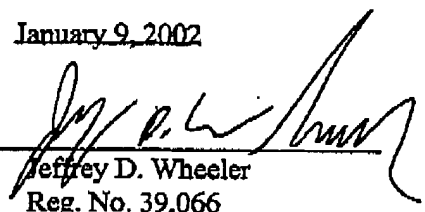
Examiner: A. Tra

**EXPRESS MAIL**

Express Mail Label No. EL283615795US

Date: January 9, 2002

By:

  
Jeffrey D. Wheeler  
Reg. No. 39,066**EL283615795US**

## AMENDMENT TRANSMITTAL

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Each item listed below is transmitted herewith:

☒ An amendment in the above-identified application.

The fees, if any, due with this amendment are based on the large entity fee schedule.

The extra claim fees are calculated as follows:

## Large Entity Fees

	Claims Remaining After Amendment		Highest Number Previously Paid For		Extra Claims	Rate Per Extra Claim	Fee
Total claims	6	-	22	=	0	x \$18...	\$ .00
Indep claims	2	-	3	=	0	x \$84...	\$ .00
Multiple dependent claim presented (\$280 if any present) ...							\$ .00

Total fee .....

\$0.00

The following arrangements are being made to pay any government fees due.

- [ ] A check for the total fee due in the amount of \$\_\_\_\_, calculated above, is enclosed. The Commissioner is hereby authorized to charge any additional fees which are presently required, or credit any overpayment, to Deposit Account No. 13-0017.

Date: January 9, 2002By: Jeffrey D. Wheeler  
Reg. No. 39,066**McANDREWS, HELD & MALLOY, LTD.**500 West Madison, 34th Floor  
Chicago, IL 60661  
312 775 8000**CUSTOMER NO.****23446****23446**

PATENT TRADEMARK OFFICE

**McANDREWS, HELD & MALLOY, LTD**

500 W. Madison  
34th Floor  
Chicago, Illinois 60661  
Telephone: (312) 775-8188  
Facsimile: (312) 775-8100

**FAX COVER LETTER****CONFIDENTIAL**

THE ENCLOSED MATERIAL IS INTENDED FOR THE RECIPIENT NAMED BELOW AND, UNLESS OTHERWISE EXPRESSLY INDICATED, IS CONFIDENTIAL AND PRIVILEGED INFORMATION. ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THE ENCLOSED MATERIALS IS PROHIBITED. IF YOU RECEIVE THIS TRANSMISSION IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE, AT OUR EXPENSE AND DESTROY THE ENCLOSED MATERIALS. YOUR COOPERATION IS APPRECIATED.

**TO:** Quan Tra**FROM:** Christopher C. Winslade/Margaret Mitchell**DATE:** July 30, 2002**FACSIMILE NUMBER:** (703) 746-7234**CLIENT:** Broadcom/1772**MATTER:** 13438US01

Number of Pages This Transmission (Including Cover Page) 17

Re: 09/456,230

Per your conversation with Margaret Mitchell, we understand that our response to the final rejection dated July 13, 2001, has not been entered and as you instructed attached is everything we filed on January 9, 2002.

1. Amendment Transmittal (2 pgs)
2. Response to Final Office Action (12 pgs)
3. Petition for Three-Month Extension of Time (1 pg)
4. Copy of Postcard received by OIPE Jan 9, 2002(1 pg)

Please acknowledge receipt of this facsimile by faxing back this cover sheet.

*If you have problems receiving this facsimile transmission, please contact the sender at the above telephone number.*

## ASSISTANT COMMISSIONER FOR PATENTS

Sir: Please place the USPTO receipt stamp hereon and place in outgoing mail to acknowledge receipt of:

Docket No: 2488U50

Applicant: Wakayama et al.

Serial No.: 09/456,230

Filed: 12 07 99

- ☒ Transmittal
- ☒ Fee \$ 920 (c.k.)
- ☐ Patent Application including:
- ☐ Page(s) Cover Sheet
  - ☐ Page(s) Specification
  - ☐ Page(s) Claims # \_\_\_\_\_
  - ☒ Page(s) Abstract
  - ☒ Page(s) Drawings Formal
- ☐ Response to Notice of Missing Parts
- ☐ Declaration & POA Signed ☐ Unsigned
- ☒ Amendment 12 Page(s)
- ☐ Assignment \_\_\_\_\_ Page(s) Cover Sheet \_\_\_\_\_ Page(s)
- ☐ IDS with PTO-1449 \_\_\_\_\_ Page(s)
- ☐ Cited References
- ☒ Other 3-mo. ext. of time
- ☒ Amtd. trans.
- ☐ Certificate of Mailing as dated below
- ☒ Certificate of Express Mailing as dated below
- Express Mail Label No. EL283615795US

Dated: 01 09 02

Respectfully: **McANDREWS, HELD & MALLOY, LTD.**  
Attorneys for Applicant

: pwilson



FAX CONFIRMED

JUL 31 2002

TECH 2800

5:57 PM 7/30/02 Transmission Record  
Received from remote ID "312 707 9155"  
Unique ID: "QTR3D46D38C1B63"  
Elapsed time: 5 minutes, 45 seconds.  
Used channel 0.  
No ANI data.  
No AOC data.  
Resulting status code (0): No Errors  
Pages sent: 1 - 17

FAX COPY RECEIVED

JUL 31 2002

TE

12800